Approved elease 2002/06/17 : CIA-RDP78B0 20030030037,3

SECRET

(When Pil	led In)				11404		
SPEED LETTER	REPLY REQUESTED				17 October 1966			
	x	YES	,	NO	NPIC/D-2	44-66		
TO : Assistant for Plans & Development	FROM:							
ATTN:		Spe	ecial	L As	sistant to the	he Director		
SUBJECT: Status Report on Chip Comparators								
Bud: 25X1A 25X1A			25X1.					
Last week when Chick was reviewing with pointed out that IAD was considerable operative condition of their two chip comparators in that none of the chip comparators in	ly har	mpei	red b	y t	he continued	in-		
As a result Chick has asked that he be given a status report on the current indition of the chip comparator development. He is particularly interested in knowing what the roadblocks are to putting them in operating condition and when we might expect that they will be in operation. I think an oral report will suffice, but you should be prepared to give it some time this week.								
I am attaching for your information a comajor developments with their two chip compare ready to brief Chick on this.	hrono rator	1 o g 's.	y th Ple	at ase	IAD prepared	listing the when you		
SUSPENSE DATE: 21 October 1966						25X1A		
: \		L			SIGNATURE			
REPLY				ľ	PATE			
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*								

DECLASS REVIEW by NIMA/DOD

Approved Formelease 200 SEGRETA-RDP78B047 TANDESTON 12957

FOR CONVERSION TO 405-B CONFIGURATION

25X1A .			MODEL 405-A CHIP COMPARATOR (PROTOTYPE)
	CHRONOLOGY:	:	
	JULY, 1964		RECEIVED IN IAD
	OCT., 1964	-	UNIT "READY" FOR OPERATION WITHOUT PLOTTER CAPABILITY
25X1A	DEC., 1964		
			PROGRAMMING DIFFICULTIES IN IPD
	DEC., 1964 TO		
•		-	VARIOUS MALFUNCTIONS DUE TO:
			(a) INSTABILITY OF X-Y COUNTERS
			(b) MICROSCOPE HEAD UNSTABLE DUE TO MOUNT
			(c) PROGRAMMING PROBLEMS - IPD
	ОСТ., 1965	-	TELETYPE AND PLOTTER REMOVED FROM 405-A IN ORDER TO

COMPLETE INSTALLATION OF 405-B

TO INTERFEROMETER PROBLEMS

OCT., 1966 - CONVERSION/MODIFICATION STILL DELAYED PENDING SOLUTION

SHIPPED TO

25X1APR. 1966

	25X1A	[MODEL 405-B CHIP COMPARATOR
	CHRONOLOGY:		
	APRIL, 1964	-	REQUISITION PREPARED (25X1A
	OCT., 1965	-	EQUIPMENT DELIVERED TO IAD
	NOV., 1965	-	" INSTALLED
	DEC., 1965	-	20 micron DOT (FOR POINTING) JUDGED TO BE UNSATISFACTORY.
25X1A			OPTICAL HEAD WOULD NOT ACCEPT 6x EYEPIECES.
	JAN MAY 1966	-	VARIOUS MALFUNCTIONS IN COMPONENTS. IPD AGREED TO LOAD
			COMPUTER PROGRAM AT 0900 DAILY (KH-4 ONLY).
		-	X-Y "COUNTERS" FOUND TO BE UNSTABLE AND PRONE TO STICKING.
		-	REPAIRS ATTEMPTED BY EPS/P&DS
:	MAY., 1966	_	1 INTERFEROMETER REMOVED BY FOR BENCH TESTING. 25X1A
	JULY, 1966	-	LETTER FROM REVIEWING STATUS OF 25X1A
: 1			TESTS.
	AUG., 1966	-	NEW OPTICAL HEAD RECEIVED FROM AND INSTALLED. "OPEN" 25X1A
			CROSS HAIRS UNSATISFACTORY BUT HEAD WOULD ACCEPT BOTH
			6x AND lox EYEPIECES.
25X1A	OCT., 1966	-	HAS 3 INTERFEROMETERS (ALL IAD's- 2 FROM MODEL
			405-A AND 1 FROM 405-B). TOTAL OF 10 ARE TO BE MODIFTED
25X1A			FOR
			SCHEDULE:
			4 wks complete tests & remove remaining interfero-
			meters from 3 wks fabricate & assemble new parts 25X1A
			3 wks test modified units 2 wks re-install units in 405-B's in 12 wks. to completion- about 2nd wk. of Jan. 1967 25X1A